Electronic Acknowledgement Receipt				
EFS ID:	7685347			
Application Number:	10087441			
International Application Number:				
Confirmation Number:	6649			
Title of Invention:	Models and methods for determining systemic properties of regulated reaction networks			
First Named Inventor/Applicant Name:	Bernhard O. Palsson			
Customer Number:	28213			
Filer:	Antony M. Novom			
Filer Authorized By:				
Attorney Docket Number:	UCSD1330-2			
Receipt Date:	26-MAY-2010			
Filing Date:	01-MAR-2002			
Time Stamp:	14:08:24			
Application Type:	Utility under 35 USC 111(a)			

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	NPL Documents	Kather_2000_Anotherpdf	257123	no	6
			4da17ae5d028c2e26a25358accd8f0ea55a9 69df		

Warnings:

Information:

2	NPL Documents	Kaufman_JTheorBiol1985.pdf	1582514	no	35
_			cb5d32e24be9f43893ca1748c41251f43ff9 364b		
Warnings:			·		
Information:					
_			429041		
3	NPL Documents	Keating_2004.pdf	9baaa3056a21384acdab30fe667d09ab1f9 52b3f	no	10
Warnings:					
Information:					
	NDI D	12 II - 16	1843825		
4	NPL Documents	Kelly.pdf	f61d089b9f9a9accc5d0b3360de2c1c67def 0a76	no	53
Warnings:					
Information:					
			1673672		
5	NPL Documents	Kim_1986.pdf	2d6542dd6a92805e69acfff2ad0ffc7f00143 788	no	7
Warnings:					
Information:					
	NDI D	Kremling_2001.pdf	1390038	no	10
6	NPL Documents		e3b8f3d5fbec3b9f677865f206c567b6e6fef 51c		18
Warnings:					
Information:					
_	ND D	KunstAndDevineResMicrobiolo	566226		_
7	NPL Documents	gy1991.pdf	d117c30bcf3dd0576ffce4867513fb4c8eb7 e46a	no	8
Warnings:		<u> </u>			
Information:					
_			956739		_
8	NPL Documents	Kunst_1997.pdf	7e43ab6a7cc7af8a515b4c39916a3adfa160 7b10	no	8
Warnings:					
Information:					
_	ND D	Lacroute_1968_Regulation_of.	1328032		_
9	NPL Documents	pdf	5d7f20637af6dcaddd51d809c223af1d9598 0969	no	9
Warnings:		ı			<u> </u>
Information:					
	ND D	Latif_2001_Production_of_eth	215879		-
10	NPL Documents	anol.pdf	4b4a4d01c1d16acb14777451194efb6f4a4 716ed	no	7
Warnings:					
Information:					

11	NPL Documents	Lee_BiotechnolBioeng1999.pdf	3021443	no	8
''	W E Bocaments	ecc_bloccelinloblocing1999.pai	1c61668a51adb8eabf97ea62719ce1dfb3bf e547	110	Ŭ
Warnings:			·		
Information:					
12	NPL Documents	Lendenmann_1995_ls_Escheric	1153579	no	8
12	W E Bocaments	hia.pdf	9505487ad7a05aa5afbfa7c6e813fa6311ee e7d6	110	
Warnings:					
Information:					
13	NPL Documents	Leyva- Vasquez_1994_Cloning_and_n	1883075	no	8
	THE BOCCHITETION	ucleotide.pdf	c67ebeb4fa12a62bcb4f87dfd53685b28437 f7a6	110	
Warnings:					
Information:					
14	NPL Documents	Li_2001_Model-based_analysis.	2748522	no	6
17	W E Bocuments	pdf —	7b4484930a74167f1aef59e6aba41aacc241 5806	110	
Warnings:					
Information:					
15	Liao_1999_Toward_prediction pdf	Liao_1999_Toward_prediction.	890798	no	10
13		d475052074b9fd73f0ca69b3af0cd881b6f0 3bc7	no	10	
Warnings:					
Information:					
16	NPL Documents	Link_1997_Methods_for_gener	5847527	no	10
10	W E Documents	ating.pdf	510ced83c38965b470013dab9ab0c9defbf 52957	110	10
Warnings:			·		
Information:					
17	NPL Documents	Loftus_1994_Isolation_charact	906897	no	7
17	NI L Documents	erization.pdf	163e7fdbed8b2f6bca4b01cd61ef1c6721d7 6284	110	,
Warnings:					
Information:					
18	NPL Documents	Lopez_1999_The_Yeast_inosit	2167098	no	10
16	M L Documents	ol.pdf	1ab7a696c54b57816e17733a42351e0fc27 b59da	110	
Warnings:					
Information:					
10	NDL C	Lynd_1999_Biocommodity.pdf	668971	.	17
19	NPL Documents	Lyna_1999_blocommodity.pdf	aedd5fe7293e895ac76847e9c766815666df b034	no	'/
Warnings:					-
Information:					

20	NPL Documents	Mahadevan_2003_effects_of_a	1052749	no	13
		lternate.pdf	7f2f91c1642587d4c149e4ace41765f92581 e14c		
Warnings:					
Information:					
21	NPL Documents	Maier_1996_Hydrogen_uptake	442121		6
21	M E Documents	pdf	f535d46b1c7140be21263844c0c38f90dca3 e0ff	no	
Warnings:		'			
Information:					
22	NPL Documents	Marcelli_1996_the_respiratory	486741	no	6
22	M E Documents	_chain.pdf	6b86f6661bd0de7cbf860380170b888fc154 90ec	110	
Warnings:		·			
Information:					
22	ND D	Marshall_1984_Unidentified_c	506915		,
23	NPL Documents	urved.pdf	f42ff1248e9117eb63558d3241cd8761235d 5c18	no	4
Warnings:		· ·			
Information:					
	NPL Documents	McAdams_1998_Simulation_of _prokaryotic.pdf	347445	no	
24			0b6e7807cd38866bcf3b5255a6421a121c4 d6618		26
Warnings:		I			
Information:					
25		McAdams_1999_Genetic_regul	160666		_
25	NPL Documents	ation.pdf	8c045eba19c6dd829f55e9de6eb23e67f16 9f5bb	no	5
Warnings:		I			
Information:					
			354347		
26	NPL Documents	McAdams_1997_Stochastic.pd	2b7fea962eecf39e072d87441d98dc05890f 52f4	no	6
Warnings:		1	1		I
Information:					
			1067864		
27	NPL Documents	McAdams_1995_Circuit_simula tion.pdf	5be0e856bd97a4a1fa501fa7a864db0b64c	no	7
			b6350		
Warnings:					
Warnings: Information:					
Warnings: Information:		McAlistor-	3118249		
	NPL Documents	McAlister- Henn_1987_Isolation_and_exp ression.pdf	3118249 7b817b54198ba16e983588dc6ca9e13fed8	no	10
Information:	NPL Documents			no	10

29	NPL Documents	McGee_1998_Helicobacter_pyl	236255	no	9
	THE BOCKING	ori.pdf	37e06e5442fd56f3c5f1094fc0d45b 8 74de6 ce3a		
Warnings:					
Information:					
30	NPL Documents	Meldrum_2000_Automation_f	166799	no	13
		or_genomics.pdf	ffdf13277e551f6b3ebc15dbd964caf61f6c4 3de		13
Warnings:					
Information:					
31	NPL Documents	Mendes_1998_Non-	1490931	no	15
		linear_optimization.pdf	c6971f6b80daab070065d9573a378845d60 4e873		
Warnings:					
Information:					
32	NPL Documents	Mendz_1995_aminoacid_utiliz	749097	no	9
		ation.pdf	a2292866560922cb50935be28be410a5cc3 825e6		
Warnings:					
Information:					
33	NPL Documents	Mendz_1993_fumarate_catabo	642731	no	8
		lism.pdf	70b50fd3f831b7546fe4f8d3eec5ebf420abf d47		_
Warnings:					
Information:					_
34	NPL Documents	Mendz_1993_glucose_phosph	303962	no	4
	THE BOCKING	orylation.pdf	f22b8e66934d05bdf2810295c03cd462ab3 e7dd2		
Warnings:					
Information:					
35	NPL Documents	Mendz_1994_Pyruvate.pdf	598207	no	6
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		062439e91dbe67b64d4df43cfdf9e57408af a8de		
Warnings:		1			•
Information:					
26	NDI D	Mendz_1993_Glucose_utilizati	644475		_
36	NPL Documents	on.pdf	52d0df848bdc7e6df489245ac2fc2e3ea3b6 5f7b	no	6
Warnings:		•	•		•
Information:					
37	NPL Documents	Mendz_1995_characterisation_	762036	no	8
J,	THE DOCUMENTS	of_glucose.pdf	473f224013c9dd4eaa9f85acfd04be894e6c cb37	пo	°
·					
Warnings:					

38	NPL Documents	Mendz_1998_characterization_ of_fumarate.pdf	140403	no	12
		oi_fuffiafate.pdf	47b10d41c20deb5d51d2a9c965c4bbfc1c7 7c79e		
Warnings:					
Information:					
39	NPL Documents	Mendz_1994_de_novo_synthe	746347	no	8
		sis.pdf	465cad6810c9a12e6c3a2d2a1bc504705c0 260b0		
Warnings:					
Information:			I I		
40	NPL Documents	Mendz_1995_fumarate_reduct	760311	no	7
		ase_a_target.pdf	3be9af0acf33ba174fbbbb4c03679ff1a181 b7d8		
Warnings:					
Information:					
41	NPL Documents	Mendz_1998_in_situ.pdf	1153889	no	13
			a39bf36b21f48e3e760f65483f3b6ff118448 0ea		
Warnings:					
Information:					
42	NPL Documents	Mendz_1997_purine_metaboli	909430	no	9
12	THE BOCKING	sm.pdf	d669f3665ebc99de261f70f8f748ee9ef7fe5 368	110	
Warnings:					
Information:					
43	NPL Documents	Mendz_1994_the_Entner-	645046	no	8
43	W E Documents	Doudoroff.pdf	c9659ace6168847f9568473ed413c30c14b 3e206	110	Ü
Warnings:					
Information:					
44	NPL Documents	Mewes_2002_MIPS.pdf	390983	no	4
77	W E Documents	Mewes_2002_Mil 3.pul	274e3d5e31c82f89987a920c1b9291104ea 7dd62	110	7
Warnings:					
Information:					
45	NPL Documents	Mitchell_1985_the_GLN1.pdf	1252830	200	16
73	W L Documents	miterieli_1905_the_GEN1.pdf	b08ec70cdd490a163d389134fffe0d4781fb dd74	no	10
Warnings:					
Information:					
46	NPL Documents	Moszer_1998_the_complete_g	848920		9
70	INF E DOCUMENTS	enome.pdf	46864486894fabe34fdc45739c436424be4 384fc	no	
Warnings:			-		
Information:					

47	NPL Documents	Moszer_2002_SubtiList.pdf	498939	no	4
47	W E Bocaments	Moszer_2002_SubtleIst.pdf	6cfc2b106abdea88ddf61e2769a3a04305e 65016	110	7
Warnings:					
Information:					
48	NPL Documents	Mulquiney_1999_Model_of.pdf	135791	no	8
	W E Bocaments	Marqamey_1555_Model_onpar	278dfbb5b4703c737757ec1b68a64b69a9a de659	110	J
Warnings:					
Information:					
49	NPL Documents	Murray_2000_Expression_of_y	752167	no	11
49	NFL Documents	east.pdf	e102bde73446e40e089eab046d7523514a 162972	110	11
Warnings:					
Information:					
50	NPL Documents	Mendz_1994_Salvage.pdf	689908	no	8
30	W E Bocaments	Meriaz_1994_Sarvage.par	f5d5700bbf1362a03132cac47cc08f8fbac60 e42	110	J
Warnings:					
Information:					
		Total Files Size (in bytes)	515	587553	
			1		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.